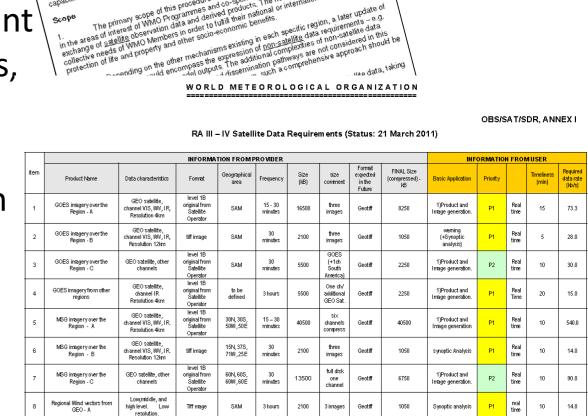
Satellite User Requirements and Readiness in WMO Region V (South-West Pacific)

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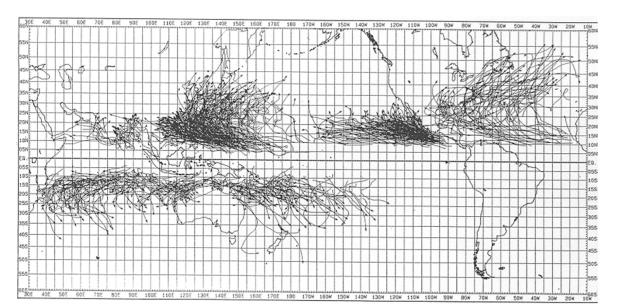
Introduction to the task

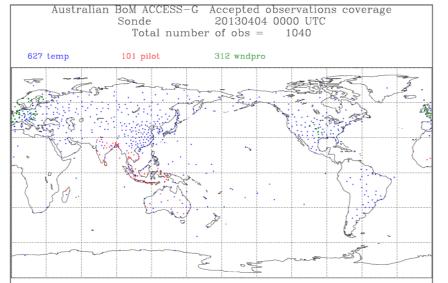
WMO Member countries in Region V (south-west Pacific) depend on global cooperation for access to the satellite data and products needed to deliver weather, water and climate services for their communities. Effective cooperation is built on an informed dialog between satellite operators and users, with an important contribution to the dialog being a description by users of their requirements and priorities. To facilitate this, WMO developed a "Procedure For Documenting Regional Requirements For Satellite Data Access And Exchange", based on the successful completion of the "RA III – IV Satellite Data Requirements" (for South and Central America and the Caribbean islands). The procedure is now being implemented in WMO Region V by a new Task Team on Satellite User Requirements (TT-SUR). This poster outlines the context and initial progress of TT-SUR.



WMO Region V (South-West Pacific)

WMO Region V extends from Malaysia and the Philippines to the western and central Pacific, including the areas of Melanesia, Polynesia and Micronesia where small islands are scattered across vast ocean areas. The value of access to satellite observations is heightened by the sparseness of surface-based observations, together with the exposure to disaster risks.





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Multiple satellites, unreliable land-lines

There are some unique factors to contemplate in approaching this task in Region V:

- the broad longitudinal domain, combined with a relatively large number of operational GEO satellites, dictates that different priorities might apply in different parts of the Region;
- the broad longitudinal domain, together with several direct- or re-broadcast services in different parts of the Region, dictates that different access pathways might best serve different countries; and
- the available communications bandwidth and reliability for internet and other land-line distribution has some shortcomings.

Progress so far

- The Task Team on Satellite User Requirements has been formed (2012), with representatives from only three countries.
 Consultation with all RA-V countries is planned to compile complete representation of Regional requirements and priorities.
- The Coordinating Group on Meteorological Satellites (CGMS)
 has provided a point of contact with satellite operators (NOAA,
 JMA, CMA, KMA, EUMETSAT).
- A first draft table has been compiled to be used for further review and discussion, structured in sections:
 - Images/data,
 - Products (Level 2 and 3) Ocean,
 - Products (Level 2 and 3) Atmosphere,
 - Products (Level 2 and 3) Land, and
 - Products (Level 2 and 3) Precipitation.

